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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. A01410

First Inventor James Charles Bohling

Title Resin Functionalization Method

Express Mail Label No. EF150161167US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 8]  
*(preferred arrangement set forth below)*

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (*if filed*)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C.113) [Total Sheets ]

5. Oath or Declaration [ Total Pages 2 ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a.  Computer Readable Form (CRF)

b. Specification Sequence Listing on:
 

- i.  CD-ROM or CD-R (2 copies); or
- ii.  paper

c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (*if applicable*)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)

15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

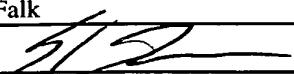
of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |  |          |   |
|---|--|----------|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | <br><i>(Insert Customer Number or Attach bar code label here)</i> |          | <input type="checkbox"/> Correspondence address below |
| Name  |  |          |   |
| Address   |  |          |   |
| City  | State  | Zip Code |   |
| Country   | Telephone  |          | Fax   |
| Name (Print/Type)   | Stephen T. Falk  |          | Registration No. (Attorney/Agent) 36,795              |
| Signature   |   |          | Date 8/19/03  |

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19704 U.S. 10/643361  
08/19/03

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Atty Docket No. A01410  
WAZ/krh

In re application of: James Charles Bohling et al.

Serial No: Not Yet Assigned : Group Art Unit: Not Yet  
Assigned

Filed: Herewith : Examiner: Not Yet Assigned

For: **RESIN FUNCTIONALIZATION METHOD**

**MAIL STOP: PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

Sir:

I hereby certify that the following correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated next to my signature below:

Utility Patent Application Transmittal  
Fee Transmittal (in dup.)  
Non-Provisional Patent Application  
Preliminary Amendment  
Declaration  
Power of Attorney Forms  
Certificate of Express Mailing  
Return Receipt Postcard

8/19/03  
Date

  
Signature

Express Mail Label No. EF150161167US

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# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

## Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application Number   |                       |
| Filing Date          | Herewith              |
| First Named Inventor | James Charles Bohling |
| Examiner Name        |                       |
| Art Unit             |                       |
| Attorney Docket No.  | A01410                |

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number **18-1850**  
 Deposit Account Name **Rohm and Haas Company**

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity       | Small Entity      | Fee Description        | Fee Paid      |
|--------------------|-------------------|------------------------|---------------|
| Fee Fee Code (\$)  | Fee Fee Code (\$) |                        |               |
| 1001 750           | 2001 375          | Utility filing fee     | 750.00        |
| 1002 330           | 2002 165          | Design filing fee      |               |
| 1003 520           | 2003 260          | Plant filing fee       |               |
| 1004 750           | 2004 375          | Reissue filing fee     |               |
| 1005 160           | 2005 80           | Provisional filing fee |               |
| <b>SUBTOTAL(1)</b> |                   | <b>(\$)</b>            | <b>750.00</b> |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Fee from           |   |         |           |
|--------------------|---|---------|-----------|
| Total Claims       | 5 | -20** = | 0 X 0 = 0 |
| Independent Claims | 1 | - 3** = | 0 X 0 = 0 |
| Multiple Dependent |   |         | 0 = 0     |

| Large Entity  | Small Entity      | Fee Description  |
|---|-------------------|--|
| Fee Fee Code (\$)   | Fee Fee Code (\$) |  |
| 1202 18   | 2202              | 9 Claims in excess of 20                                     |
| 1201 84   | 2201              | 42 Independent claims in excess of 3                         |
| 1203 280  | 2203              | 140 Multiple dependent claim, if not paid                    |
| 1204 84   | 2204              | ** Reissue independent claims over original patent           |
| 1205 18   | 2205              | 9 ** Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2)</b>   |                   | <b>(\$)</b>  |
| ** or number previously paid, if greater; For Reissues, see above |                   | 0  |

## 3. ADDITIONAL FEES

| Large Entity                      | Small Entity      | Fee Description   | Fee Paid |
|-----------------------------------|-------------------|---|----------|
| Fee Fee Code (\$)                 | Fee Fee Code (\$) |   |          |
| 1051 130                          | 2051              | 65 Surcharge - late filing fee or oath  | 0        |
| 1052 50                           | 2052              | 25 Surcharge - late provisional filing fee or cover sheet                     | 0        |
| 1053 130                          | 1053              | 130 Non-English specification   | 0        |
| 1812 2,520                        | 1812 2,520        | For filing a request for ex parte reexamination                               | 0        |
| 1804 920*                         | 1804 920*         | Requesting publication of SIR prior to Examiner action                        | 0        |
| 1805 1,840*                       | 1805 1,840*       | Requesting publication of SIR after Examiner action                           | 0        |
| 1251 110                          | 2251              | 55 Extension for reply within first month                                     | 0        |
| 1252 410                          | 2252              | 205 Extension for reply within second month                                   | 0        |
| 1253 930                          | 2253              | 465 Extension for reply within third month                                    | 0        |
| 1254 1,450                        | 2254              | 725 Extension for reply within fourth month                                   | 0        |
| 1255 1,970                        | 2255              | 985 Extension for reply within fifth month                                    | 0        |
| 1401 320                          | 2401              | 160 Notice of Appeal  | 0        |
| 1402 320                          | 2402              | 160 Filing a brief in support of an appeal                                    | 0        |
| 1403 280                          | 2403              | 140 Request for oral hearing  | 0        |
| 1451 1,510                        | 1451 1,510        | Petition to institute a public use proceeding                                 | 0        |
| 1452 110                          | 2452              | 55 Petition to revive - unavoidable   | 0        |
| 1453 1,300                        | 2453              | 650 Petition to revive - unintentional  | 0        |
| 1501 1,300                        | 2501              | 650 Utility issue fee (or reissue)  | 0        |
| 1502 470                          | 2502              | 235 Design issue fee  | 0        |
| 1503 630                          | 2503              | 315 Plant issue fee   | 0        |
| 1460 130                          | 1460              | 130 Petitions to the Commissioner   | 0        |
| 1807 50                           | 1807              | 50 Processing fee under 37 CFR 1.17(q)  | 0        |
| 1806 180                          | 1806              | 180 Submission of Information Disclosure Stmt                                 | 0        |
| 8021 40                           | 8021              | 40 Recording each patent assignment per property (times number of properties) | 0        |
| 1809 750                          | 2809              | 375 Filing a submission after final rejection (37 CFR 1.129(a))               | 0        |
| 1810 750                          | 2810              | 375 For each additional invention to be examined (37 CFR 1.129(b))            | 0        |
| 1801 750                          | 2801              | 375 Request for Continued Examination (RCE)                                   | 0        |
| 1802 900                          | 1802              | 900 Request for expedited examination of a design application                 | 0        |
| Other fee (specify) _____         |                   |   |          |
| *Reduced by Basic Filing Fee Paid |                   | <b>SUBTOTAL (3)</b> (\$)  |          |
| 0                                 |                   | 0   |          |

## SUBMITTED BY

(Complete if applicable)

|                   |                 |                                   |         |           |              |
|-------------------|-----------------|-----------------------------------|---------|-----------|--------------|
| Name (Print/Type) | Stephen T. Falk | Registration No. (Attorney/Agent) | 36,795  | Telephone | 215-592-6745 |
| Signature         |                 |                                   |         |           |              |
|                   |                 | Date                              | 8/19/03 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231

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